Abstract:

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The invention relates to antimicrobial polymers obtained by copolymerizing vinyl ethers of the general formula

$$H_2C = C$$
 $O = R^1 - N$
 R^2

in particular 3-aminopropyl vinyl ether, with other aliphatically unsaturated monomers, and to a process for their preparation.

The polymers may also be prepared by a graft copolymerization of a substrate, giving a covalently bonded coating on the substrate surface.

The antimicrobial polymers may be used as a microbicidal coating, inter alia on hygiene items or in the medical sector, or else in surface coatings or protective paints.